

REMARKS/ARGUMENTS

Favorable reconsideration of this application is respectfully requested.

Claims 1-29 are pending in this application. Claims 1-3, 12-14, 20, 21, and 26 were rejected under 35 U.S.C. §102(b) as clearly anticipated by JP 56-88650 to Ooyama et al. (herein "Ooyama"). Claim 4 was rejected under 35 U.S.C. §103(a) as unpatentable over Ooyama and U.S. patent 4,228,376 to Mabuchi. Claims 5, 7, 8, 9, 15, 17, 23, 24, and 27 were rejected under 35 U.S.C. §103(a) as unpatentable over Ooyama and JP 06-189504 to Yaguchi et al. (herein "Yaguchi"). Claims 6 and 16 were rejected under 35 U.S.C. §103(a) as unpatentable over Ooyama and Yaguchi and further in view of Mabuchi. Claims 10, 18, 22, and 28 were rejected under 35 U.S.C. §103(a) as unpatentable over Ooyama and JP 55-133651 to Ito. Claims 11, 25, 19, and 29 were rejected under 35 U.S.C. §103(a) as unpatentable over Ooyama and Ito and Yaguchi.

Addressing the above-noted rejections, those rejections are traversed by the present response.

Initially, applicants note the claims are amended by the present response to clarify features recited therein. Specifically, the claims now clarify that the commutator is a section that is part of the electrical parts mounting base board. That subject matter is believed to be fully supported by the original specification for example at page 8, line 18 *et seq.* As noted in that portion in the specification the printed circuit board 23 includes a commutator section that includes contact electrode parts 23a and extending parts 23b.

The claimed features are believed to clearly distinguish over the applied art.

With respect to the primary applied reference to Ooyama, applicants respectfully submit Ooyama does not disclose an electrical parts mounting base board including a first flat surface facing a rotor and a commutator section that includes a plane conductive layer pattern directly formed on a second flat surface. That is, in the claimed invention the electrical parts

mounting base board 23 has two flat surfaces, one of which faces the rotor and the other of which includes the commutator and the contact electrodes. Ooyama does not disclose such a structure as Ooyama discloses a commutator being formed separate from any electrical parts mounting base board.

The outstanding Office Action is first unclear as to which elements are being corresponded with respect to the claimed electrical parts mounting base board and the commutator. However, applicants note Ooyama does not appear to disclose one single element that forms an electrical parts mounting base board having on one side thereof a commutator with contact electrode parts.

Ooyama discloses the use of sector-shaped commutator pieces 11A-11C, a commutator base 10, and a varistor 12 including electrodes 12A-12C. From that disclosure in Ooyama it appears clear that no single electrical parts mounting base board has one surface that faces a rotor and a second opposite surface that includes a commutator section with contact electrode parts. In Ooyama such different sections are formed on different elements; in Ooyama the electrodes 12A-12C are not formed as part of a commutator having an opposite side facing a rotor.

In such ways, the claims as currently written are believed to clearly distinguish over Ooyama.

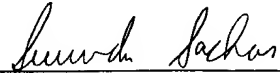
Moreover, no teachings in any of the further secondary cited reference to Mabushi, Yaguchi, or Ito are believed to cure the above-noted deficiencies of Ooyama.

In view of these foregoing comments, applicants respectfully submit the claims as currently written distinguish over the applied art.

As no other issues are pending in this application, it is respectfully submitted that the present application is now in condition for allowance, and it is hereby respectfully requested that this case be passed to issue.

Respectfully submitted,

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